

Concrete Products Task Group Meeting Minutes

April 9, 2015, 10:00am – 12:00pm, Translab Room 514, Structural Materials Annex

Attendees: Dan Speer, Barbara Reenan, Ken Darby (for Chuck Suszko), Charley Rea, Kirk McDonald, Jim Sagar (for Keith Hoffman), Deepak Maskey, Mark Hill

Absent: Keith Hoffman (Jim Sagar served as proxy), Bruce Carter, Chuck Suszko (Ken Darby served as proxy), Cliff Ohlwiler, Roberto Lacalle

a. Welcome

Mr. Speer welcomed all the members of Concrete Products Task Group and thanked everyone for participating. The group went through a round of introductions.

b. Review of Agenda and Action Items from Last Meeting

The action items were reviewed from the previous Task Group meetings. No significant issues were noted.

A brief discussion took place regarding the action item for the “*Provide Example of rejected Mix Designs based on annual aggregate source testing approval*” that was annotated for Industry. It was noted by the TG that no information has been received as of today, and the group agreed to table the activity for now, due to lack of information and lack of status changes over the past year.

Mr. Darby provided a status update of the Returned Plastic Concrete-related MPQP updates, and noted that an outside consultant has hired to update the current system. The updates will reflect the changes that were agreed upon as a result of the Recycled Concrete activity.

c. Housekeeping – Current Print Out Package, Participant Memos, 2014 Calendar

Mr. Petska briefed the meeting package and the 2015 RPC Calendar to the group. No issues were noted.

The OSM Website was also presented for the group. It was noted that final meeting minutes from previous meetings were now posted onto the Concrete Task Group website at:
http://www.dot.ca.gov/hq/esc/Translab/OSM/rpc_concrete_task_group/index.htm

The new 2015 Task Group Operating Principles are now posted onto the above TG website.



The group next held a discussion regarding the CT & Industry Joint Training and Certification testing program being developed outside of the RPC between the Department and Industry. This discussion included an overview of the activity, as well as the details of how the activity fits in with ACI certification and the IA Program. It was expressed by Industry and CT members that sending engineers and technicians to a single location for a week may be challenging and might conflict with project delivery needs. Mr. McDonald noted that the ACI process is a solid process, and noted that more discussions would need to occur regarding how joint training would fit their current certification processes.

An action item was noted to capture comments regarding Joint Training certification needs and report back to the Concrete TG. Mr. Hill also noted that a separate conference call may be needed on this topic in the coming days.

d. “State of the Industry” Address

Mr. McDonald and Mr. Rea noted that work has been picking up in recent months, and no significant concerns were noted by Industry.

Mr. Rea noted that finding transportation funding has been a larger issue, and more discussions are ongoing in the legislature regarding resourcing.

e. Updates from Sub Task Group co-chairs

a. CIP Pavement Subtask Group

Mr. Maskey gave an overview of the current activities in the CIP Pavement STG.

For the “Dowel Bar Tolerance” activity, Mr. Maskey noted that work is underway and that NDT Test Methods were currently being considered by the project team. He noted that the Dowel Tolerance QA Report has been sent out for comment, and that comments have been received by METS thus far. Mr. Maskey noted that the report would need to be updated to capture these comments in the coming days, and responses would be distributed accordingly.

For the “Flexural Beam Testing” activity, Mr. Maskey provided an overview of the recent activities that have been taking place at the project team level. It was noted that ASTM C78 is the preferred method thus far within the project team. He mentioned that Industry has also provided comments regarding the strength requirements for flexural strength testing. The STG has had concerns about the debate over the strength requirements potentially derailing the timeline of the activity. It was noted that a recommendation from Industry concerning impacts of using a higher strength value would be provided in this final recommendation. More discussions at the team level are needed on this topic.



Mr. Maskey also briefed the ongoing “Volumetric Mixing equipment” activity for rapid strength concrete pavement. It was noted that an updated Scoping Document is being developed for this activity and would be finalized in the coming days. A few more comments would be need to be considered before the document is signed. It was noted by Ms. Reenan and Mr. Maskey that the Scoping Document would be final draft form for the upcoming RPC meeting, and an Action Item was noted on this.

The group briefly discussed the “ASR research” activity. It was noted that this ASR research activity is ongoing outside of the RPC and supported by UC Pavement Research Center resources, and would not be supported with CIP Pavement STG resources. It was decided that future discussion regarding this ASR research would be moved to the Materials/QA STG.

A “Concrete Overlay” topic was discussed at this point of the meeting. A few pilot projects were being considered, however the activity would not be considered for the RPC at this time. It was noted that research would be taking place within the Pavement Program, and would be brought to the Task Group if needed.

Regarding the “Low Strength Pavement” activity, it was noted that there is still some discussion taking place regarding the final version of the Scoping Document. An action item was noted to have a final version of the Scoping Document by May 22.

b. Concrete Materials/QA Subtask Group

Mr. Sagar briefed the updates to the current Materials/QA STG projects.

For the “QCQA” activity, Mr. Sagar briefed the latest deliverables on this activity. Mr. Sagar also noted that the last Draft of the specification is currently undergoing final review at the subdivision level.

For “Recycled Concrete”, Mr. Sagar gave an overview of the most recent activities. The new specification was completed, and would be finalized as an nSSP in the coming days. It was noted that the specification would be piloted within the Districts, and that Mr. Paul Fayer’s name would be listed as a POC for future comments during project delivery. The group next held a brief discussion regarding the virtues of piloting the specification as an nSSP, and capturing comments before it is published into the Standard Specification. It was noted the target final date for this nSSP would be within April 2015.

Mr. Sagar next discussed the “Shotcrete” activity. It was noted that project team meetings on this topic would continue in the days ahead. Mr. Hill also noted that there are ongoing discussions regarding Water Content requirements. It was also noted that some of the activity progress has been sidetracked by intermittent involvement from DES Technical Committee representatives,



and a more consistent communication plan would be helpful. This note would be brought forward to the chairmen of the RPC in the days ahead.

At this time, there was also a discussion regarding the “Mix Design Number” Scoping Document, which would allow for better long-term Data analysis via the Department’s DIME database. In order to provide better clarification, it was noted to change the title of the activity to “Unique Concrete Mix Design Naming System”. It was also noted to take out the word “Statewide” in the Purpose of the Scoping Document, as this has caused some confusion from Industry. An action item was noted to garner consensus on the Scoping Document and have by the April 15 RPC Meeting.

The Bin List Items for the Materials/QA STG were briefly discussed at this portion. No new activities were noted here.

c. Precast Subtask Group

Mr. Sagar went through an update on all of the current Precast STG activities at this portion of the meeting.

The first item Mr. Sagar discussed was the “Prestressing Jack Calibration” activity. He noted that project team meetings would be taking place in the coming days, and the draft specifications are being developed at this time. The activity was now at about 80% complete as of April 2015.

Mr. Sagar also briefed the new “Precast Pavement Jobsite Quality” and “Precast QC and QA Mix Design Tests” activity Scoping Documents. An action item was noted to route these two activities for final review and comment, in preparation for signature at the upcoming RPC meeting.

The Bin List Items for the Precast STG were briefly discussed at this portion. No new activities were noted here.

f. Roundtable Discussion, questions, and action items

A brief roundtable discussion occurred regarding the new specification that has been developed for Bridge Deck Shrinkage testing. It was noted by Industry that the process by which the activity was brought up was not in line with the RPC Charter. Industry has requested the opportunity to comment and assist in developing this specification through formal RPC channels or other channels as needed. It was noted CT members of the TG that these comments would be relayed to other DES units, so that a resolution could be achieved.



A brief discussion also took place regarding the assignment of the CIP Pavement Industry STG Co-Chair. An action item was noted for Industry to formally designate the Industry Co-Chair by the end of May.

Below is the summary of decisions made or consensus received during the April 9th meeting.

- The ASR research activity discussion would be moved to the Materials/QA STG and removed from the CIP Pavement STG.

Below is the brief summary of action items from the April 9th meeting:

Action Items from 4/9/15 meeting	Due Date	Responsible Person	Status
Capture comments regarding Industry Joint Training certification needs and concerns and report back to the Concrete TG.	26 May 2015	Industry Co-Chairs	Pending
Provide final version of the “Evaluation of Low Strength Pavement Test Results” Scoping Document to the Task Group	22 May 2015	CIP Pavement STG Co-Chairs	Pending
Provide draft final version of the “Volumetric Mixing Equipment” Scoping Document by the April 15 RPC Meeting	15 Apr 2015	CIP Pavement Co-Chairs	Pending
Provide draft final version of the “Concrete Mix Design Number Tracking System” Scoping Document by the April 15 RPC Meeting	15 Apr 2015	Materials/QA Co-Chairs	Pending
Send the “Precast Mix Design and Testing Data” and “Precast Pavement Jobsite Quality” Scoping Documents to the TG for signature	9 Apr 2015	Bobby Petska	Complete
Provide additional status update regarding MPQP updates needed related to the Recycled Concrete Activity at the 3+2 Meeting	26 May 2015	Chuck Suszko	Pending
Formally assign the Industry Co-Chair for the CIP Pavement STG	26 May 2015	Charley Rea/Kirk McDonald	Bruce Carter designated at RPC Meeting